

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		(chain near guide) and pulley and (shift\$3 near plate) and .clm.	USPAT	OR	OFF	2007/10/26 16:49
		\$cycle with (tension same (bar or plate or pin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 10:11
		\$cycle with tension same (bar or plate or pin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 10:11
		\$cycle\$ with tension same (bar or plate or pin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 10:11
		\$cycle\$ with tension\$ same (bar or plate or pin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 10:11
		tension\$ same (bar or plate or pin) and \$cycle\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/10 10:11
L1	0	(chain near guide) and pulley and (shift\$3 near plate) and (mount\$3 near bracket).clm.	USPAT	OR	OFF	2007/10/26 16:49
L2	2	(chain near guide) and pulley and (shift\$3 near plate).clm.	USPAT	OR	OFF	2007/10/26 16:50
S1	2	"US 20060030440"	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2007/10/05 09:32

## EAST Search History

S2	1152	474/78-82.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2007/10/05 09:38
S3	58	474/78-82.ccls. and b62m009/12.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 13:58
S4	236	bicycle with (tension same (bar or plate or pin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 10:12
S5	46	("0315735"   "0611170"   "0952156"   "0976115"   "1016787"   "1433958"   "1733968"   "2425476"   "2588880"   "2900831"   "2945393"   "3186003"   "3332293"   "3817114"   "4034821"   "4069719"   "4191062"   "4416647"   "4479660"   "4564098"   "4768998").PN. OR ("5221236").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/05 10:24
S6	2	"0050537".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 11:01
S7	49	"0050537"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 10:52
S8	2	"4612004".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 10:56

## EAST Search History

S9	5	"3141468".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 10:58
S10	0	((belt or chain) adj tension\$ adj (plate or bar or pin)) and bicycle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 10:59
S11	83	((belt or chain) adj tension\$ adj (plate or bar or pin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 11:04
S12	49	"0050537"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 11:01
S13	17477	chain same tension same plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 11:04
S14	83505	bicycle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 11:04
S15	333	S13 and S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 11:04
S16	5	("5688200" "5725450" "6045470" "6354973" "6629903").PN.	USPAT	OR	OFF	2007/10/05 11:53

## EAST Search History

S17	22	("1181175"   "1535114"   "2204084"   "2240998"   "3398973"   "3402942"   "3416385"   "3785219"   "4099737"   "4240303"   "4261214").PN. OR ("5725450").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/05 11:55
S18	5	("3869138"   "4498890"   "4662862"   "5320582"   "6083132").PN. OR ("6354973").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/05 13:47
S19	92020	tension same bar	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/05 13:47
S20	691	tension same bar and bicycle	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/05 13:47
S21	1243	474/78-82.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 15:15
S22	2	474/78-82.ccls. and chaim	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 15:15
S23	740	474/78-82.ccls. and chain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 15:15
S24	2	474/78-82.ccls. and chaim	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 15:15
S25	740	474/78-82.ccls. and chain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 15:42

## EAST Search History

S26	3734	474/78-151.ccls. and chain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 15:43
S27	1156	474/78-151.ccls. and chain and pulley	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 15:43
S28	755	474/78-151.ccls. and chain and pulley and spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 15:43
S29	77	474/78-151.ccls. and chain and pulley and (torsion adj spring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 15:43
S30	12	("4002080"   "4199997"   "4223562"   "4279605"   "4362522"   "4599079"   "4701152"   "5284354"   "5358451"   "5599244"   "5685553").PN. OR ("6045470").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/09 10:15
S31	22	("1181175"   "1535114"   "2204084"   "2240998"   "3398973"   "3402942"   "3416385"   "3785219"   "4099737"   "4240303"   "4261214").PN. OR ("5725450").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/09 10:23
S32	8	("4141245"   "4479660"   "5221236"   "5613918"   "5725450").PN. OR ("6165092").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/09 10:25
S33	71594	pulley same guide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/09 11:50

## EAST Search History

S34	83563	bicycle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/09 11:33
S35	755	S33 and S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/09 13:06
S36	6749	front same chain same guide and pulley	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/09 13:07
S37	169	front same chain same guide and pulley and bicycle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/09 13:15
S38	7110	pulley with guide same plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/09 13:20
S39	10889	pulley with ((belt or chain) same guide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/09 13:32
S40	5	("5688200" "5725450" "6045470" "6354973" "6629903").PN.	USPAT	OR	OFF	2007/10/09 13:44
S41	0	multiple same procket and pulley and guide	USPAT	OR	OFF	2007/10/09 13:44
S42	267	multiple same sprocket and pulley and guide	USPAT	OR	OFF	2007/10/09 13:55
S43	99	bicycle same chain same guide same pulley	USPAT	OR	OFF	2007/10/09 13:55

## EAST Search History

S44	586	474/140.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/10 10:33
S45	364	474/144.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/10 10:23
S46	34	S44 and S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/10 10:12
S47	118	474/144.ccls. and pulley	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/10 10:25
S48	65	474/144.ccls. and bicycle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/10 10:26
S49	29	474/140.ccls. and bicycle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/10 10:35
S50	1380	bicycle same chain same guide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/10 10:35

## EAST Search History

S51	123	bicycle same chain same guide with pulley and (torsion spring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/10 10:43
S52	537	pulley with (torsion adj spring) and (bar or plate or pin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/10 10:44
S53	54	280/216.ccls.	USPAT	OR	OFF	2007/10/11 15:55
S54	2111	pulley with (shift\$3 same (plate or bar or pin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/16 10:04
S55	112	pulley with (shift\$3 adj (plate or bar or pin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/16 10:20
S56	3	bicycle and (pulley same (shift\$3 adj plate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/16 10:24
S57	84	bicycle and (pulley same (shift\$3 same plate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/16 10:36
S58	2759	\$3cycle and (pulley same (shift\$3 same plate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/16 10:39

## EAST Search History

S59	228	\$3cycle and (pulley same (shift\$3 near4 plate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/16 11:08
S60	5	\$3cycle with (pulley same (shift\$3 near4 plate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/16 10:41
S61	15	bicycle and (pulley same (shift\$3 near4 plate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/16 11:23
S62	1245	474/78-82.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/26 16:36
S63	365	474/144.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/26 16:36
S64	587	474/140.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/26 16:36